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**SLA Tr 2855**

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USE OF SYNTHETIC FIBRES IN THE PAPER INDUSTRY: STATE OF THE ART AND DEVELOPMENT TRENDS. [1963] 7p.  
Order from SLA \$1.10

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Trans. of mono. (paper) read at the Meeting of Committee for Paper Processing, Institute for Cellulose Chemistry, Darmstadt, 14 Dec 61.

DESCRIPTORS: \*Paper Industry, \*Fibers (Synthetic), Cellulose chemistry, Textiles, Machines.

At present regenerated cellulose fibres are processed mainly in conjunction with chemical pulp fibres for filter papers, papers with good air permeability values, overlay papers etc. on the papermaking machine. The employment of fibrillatable regenerated cellulose fibres has also led to products which have a "handle" similar (Materials Paper, TT, v. 10, no. 11) (over)

63-18947

I. Brüning, D.

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Papierrohstoff). [6 May 63] (15p. (figs. omitted)  
63 refs.

Order from SLA \$1. 60 63-18366

Trans. of the Papier (West Germany) 1963, v. 17,  
no. 2, p. 45-52.

DESCRIPTORS: \*Fibers (Synthetic), Processing,  
Materials, Cellulose, Polyamide plastics, Paper  
Industry, Machines.

A state-of-the-art survey.

(Materials--Paper, TT, v. 10, no. 11)

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influences on<sup>the</sup> Speed of Hardening of Glue-Joints  
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1954, pp 334-342.

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haus, S. Thielepape.

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Brunshwitz, G. and Bonnet, J.  
 SEPARATION OF BORIC ACID FROM AMMONIUM  
 ION AND METALLIC CATIONS BY MEANS OF ION  
 EXCHANGERS. Pt. I of Determination of Boric Acid.  
 [1961] 3p. (Abstracts, table omitted).  
 Available on loan from SLA

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Trans. of Helvetica Chimica Acta (Switzerland) 1951,  
 v. 34, no. 6, p. 2074-2075.

DESCRIPTORS \*Boric acid, Acids, Separation, Ion  
 exchange, \*Ammonium radicals.

Boric acid can be separated from the cations which  
 impede its acidimetric determination ( $\text{NH}_4^+$ ,  $\text{Zn}^{++}$ ,  
 $\text{Ni}^{++}$ ,  $\text{Fe}^{++}$ ,  $\text{Al}^{+++}$ , etc.) by means of ion  
 exchangers of the sulfonic type. The use of a mixed  
 indicator (methyl red + methylene blue), instead of  
 the commonly used methyl red, improves the ti-  
 (Chemistry--Physical, TT, v. 7, no. 4) (over)

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Brutche: Traut 3014

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Bruna, Reinhold and Eickens, Hans  
LEAD SCREW LATHE FOR PRODUCING THREADS  
OF VARIABLE PITCH [Leitspindelrehbank zur  
Herstellung von Gewinde Veränderlicher Steigung] tr.  
by F. H. B. 14 Apr 61, 3p. 3 refs  
Order from OTS or SLA \$1.10 61-19846

Trans. of German patent 946,315, cl. 49a, gr. 3/01,  
International cl. B 23b, by Pa. A. Mannemann,  
patented from 26 June 54, grant announced 5 July 56,  
pub. 26 July 56

DESCRIPTORS: \*Screw threads. \*Lathes. Production.  
\*Machine tools

The lathe is characterized in that between the head  
stock spindle and lead screw a continuous gearing is  
inserted whose ratio is adjustable during the operation  
according to the norm of the pitch of the thread to be  
produced  
(Machinery, Fabrications and Accessory Equipment,  
TT, v. 6, no. 3)

61-19846

- I Britan. P.
- II Eickens, H.
- III Patent (Germany) 946,315
- IV Patent Office, Washington,  
D. C.

Office of Technical Services

C BRUNNEE

Advances in the Application of Mass Spectrometers  
as Specific Ionization Detector Indicators for  
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NTC 71-14218-07D

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Ion Reflection and Secondary Electron Emission During  
Impact of Alkali Ions on Pure Molybdenum Surfaces,  
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DUNN, ~~for~~, Medicine Research Acta, Vol 21,  
1963, No 3, pp 63-66  
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*E. Bruner*

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Scientific - Minerals/Metals.

Notes on the Formation of Ascites in Carp on  
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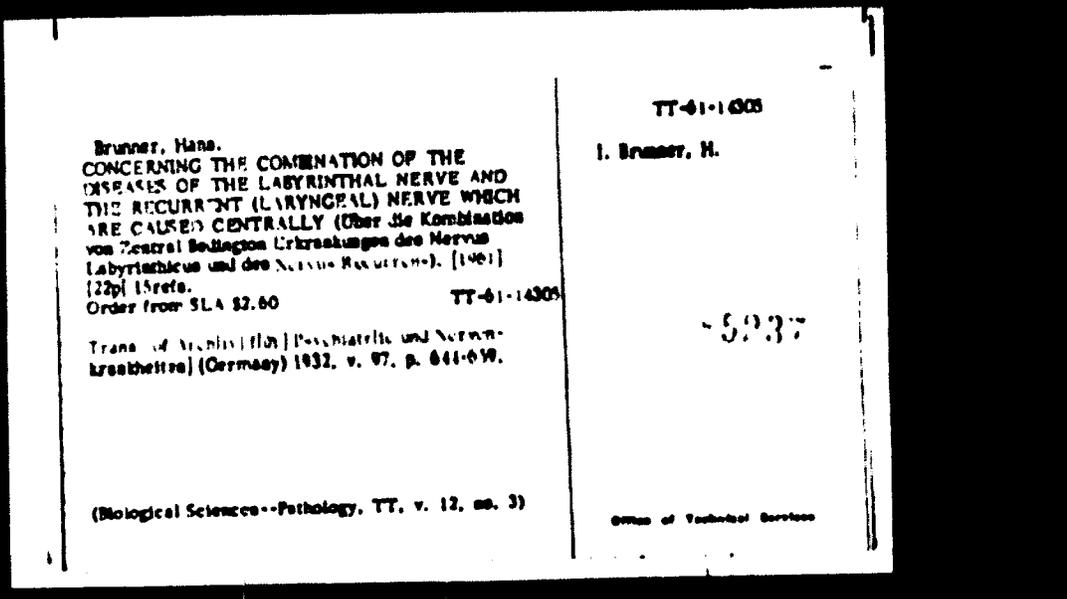
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~~State of Mass~~  
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<p>DESCRIPTORS: Diuretics. Physiology. Therapy. Kidneys</p>	
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<p>(Biological Sciences--Pharmacology, TT, v. 6, no. 4)</p>	



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Order from SLA \$1.60

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Trans. of M[onatschrift] f[ür] Ohrenheilk[unde]  
u[nd] Laryng[olo]-Rhinologie (Austria) 1936, v. 70,  
no. 1, p. 40-47.

DESCRIPTORS: \*Nystagmus, Cerebral cortex, \*Ear,  
\*Optic nerve, Auditory nerve, Etiology, Vision,  
Ophthalmology, Optic tracts.

TT-61-14302

I. Brunner, H.

<p>Brunner, Hans NYSTAGMUS OF THE EYE: II. AFTER BILATERAL COLD IRRIGATION OF THE EARS (Nyctagmus nach doppelseitiger Kältspülung der Ohren). [1961] By: Bruner, Hans Under from: SIA 51-10 61-14325</p>	<p>61-14325 1 Bruner, H  217653  Office of Technical Services</p>
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Z. f. Zellforsch., 12 pp.

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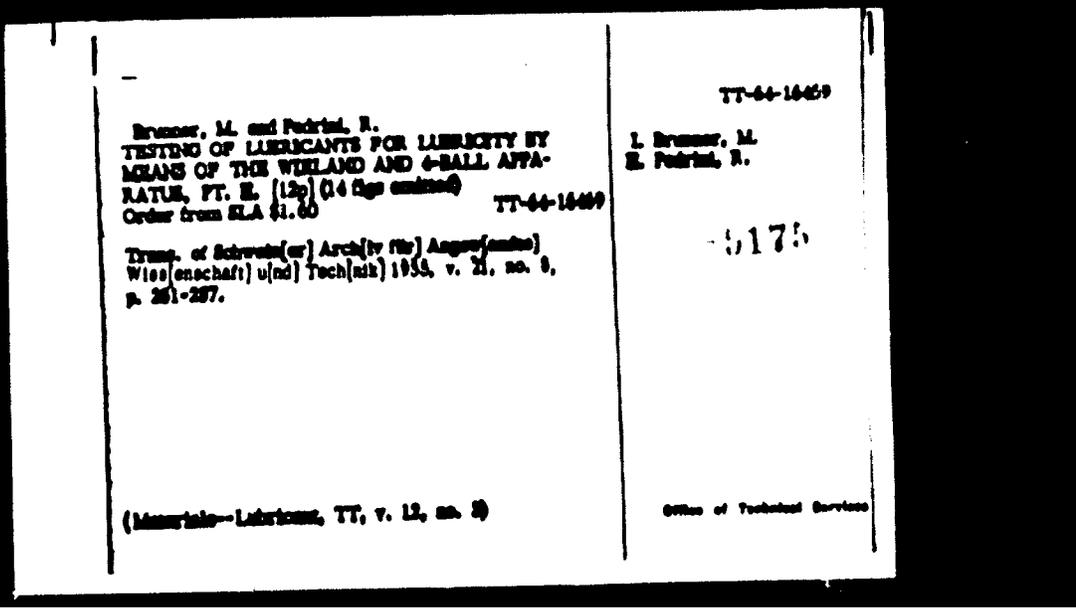
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1952, No 131, pp 8-10, 12-26, 79-83.

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AND  $\text{Al}_2\text{O}_3 + \text{C}$ . [1962] 20p. 14 refs.  
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Trans. of Schweizer [Archiv für Angewandte]  
Wissenschaft [und Technik] 1946, v. 12, [no. 6]  
p. 189-194.

DESCRIPTORS: Silicon compounds, Oxides, \*Alu-  
minum compounds, Oxides, \*Carbon, Phase equilibria,  
Thermodynamics, Dissociation, Pressure, Temper-  
ature, \*Aluminum, Production.

The P-T diagrams of the systems  $\text{SiO}_2 + \text{C}$  and  
 $\text{Al}_2\text{O}_3 + \text{C}$  were completed and corrected. For the  
system  $\text{SiO}_2 + \text{C}$ , it is shown that up to 2200° the for-  
mation of silicon occurs via the two intermediate steps,  
 $\text{Si}_2\text{C}_2\text{O}$  and SiC. For the system  $\text{Al}_2\text{O}_3 + \text{C}$ , the  
(Chemistry Physical, TT, v. 9, no. 12) (over)

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The Liquid Surface in the System Aluminum,  
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The p, -T Diagrams of the Systems Silicic Acid  
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*R. Brunner*

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W. Brunnkov

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Regenerators of Glass Melting Tanks,  
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layer)

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Pendulum Measurements, 1956, by R. Bruns,

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Borates, Carbonates as Well as Nitrates and Some  
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The Economics of Oxidation of Paraffins,  
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METHODS OF PRODUCING SODIUM ALKYL  
SULPHATES AND THEIR TECHNICAL AND ECONOMIC  
ASSESSMENT. [1963] [14p] Brefs  
Order from OTS or SLA \$1.60      63-20044

Trans. of Khimicheskaya Promyshlennost' (USSR) 1961,  
no. 4 [p. 253-257].  
Another trans. is available from ATS \$14.45 as  
ATS-28N58R [1961] 10p.

DESCRIPTORS: \*Surface-active substances, \*Cleaning  
compounds, \*Sodium compounds, Alkyl radicals,  
\*Sulfates, Manufacturing methods, \*Fatty acids,  
\*Alcohols, \*Economics.

The production of sodium alkyl sulphates from alcohols,  
obtained by the direct hydration of synthetic fatty acids,  
is more advantageous than their production from alco-  
hols from the hydration of butyl esters, not only for  
Materials, TT, v. 10, no. 11)      (over)

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- I. Title: Sodium alkyl  
sulphates
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<p>Branshteyn, B. A. and Klimentko, V. I.          METHODS OF MANUFACTURE OF SODIUM ALKYL          SULFATES AND THEIR PROCESS AND ECO-          NOMIC EVALUATION. [1961] 10p          Order from ATS \$14.45      ATS-28N55R</p> <p>Trans. of Khim. [ishskaya] Prom. [shennost'] (USSR)          1961, no. 4, p. 31-35</p> <p>DESCRIPTION: *Sodium compounds, *Alkyl radicals,          Sulfates, Manufacturing methods</p> <p>AT: [unclear]</p>	<p>62-12651</p> <p>I. Branshteyn, B. A.          II. Klimentko, V. I.          III. ATS-28N55R          IV. Associated Technical          Services, Inc.,          East Orange, N. J.</p> <p>208259</p>
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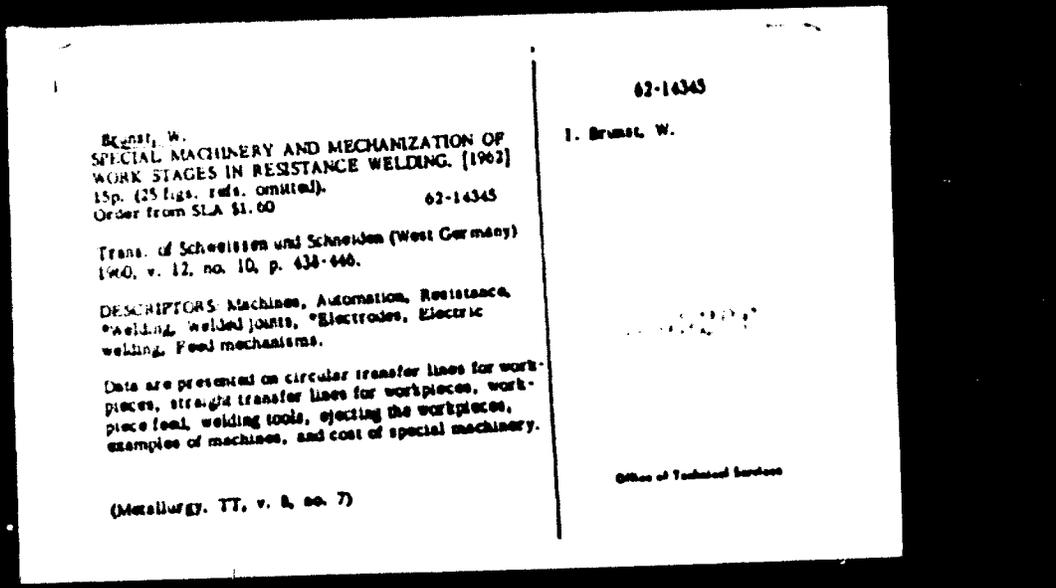
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Order from SLA \$1.60

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Trans. of Schweissen und Schneiden (West Germany)  
1960, v. 12, no. 10, p. 438-440.

DESCRIPTORS: Machines, Automation, Resistance,  
welding, welded joints, Electrodes, Electric  
welding, Feed mechanisms.

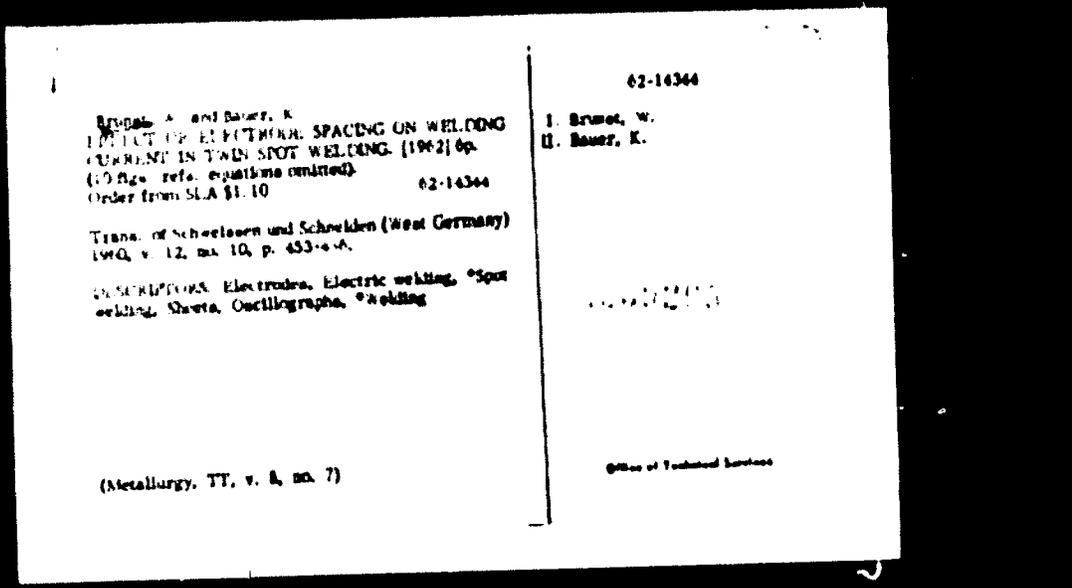
Data are presented on circular transfer lines for work-  
pieces, straight transfer lines for workpieces, work-  
piece feed, welding tools, ejecting the workpieces,  
examples of machines, and cost of special machinery.

(Metallurgy. TT, v. 8, no. 7)

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Brudek, A. and Bauer, K.  
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DESCRIPTION: Electrodes, Electric welding, \*Spot  
welding, Shunts, Oscillographs, \*Welding

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